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2-13-59

RUSAKOV, M.P.

A new copper porphyrite deposit in the Zhekezhuan secondary
quartzite massif in central Kazakhstan. Izv. AN Kazakh. SSR.
Ser.geol. no.1:37-45 '57. (MLRA 10:7)
(Karaganda Province--Copper ores)

RUSANOV, M.P.; BURDUKOV, G.P.

Titanomagnetite horizon of the lower Carboniferous sedimentary
stratum of the Sayak syncline in northeastern Fribalkhash.
Izv. AN Kazakh. SSR, Ser. geol. no. 1:46-55 '57. (MLRA 10:7)
(Taldy-Kurgan Province--Titanomagnetites)

RUSAKOV, M.P.

Study of and prospecting in the Kemel'bek coal-bearing zone in the
northeastern Balkhash region. Izv. AN Kazakh SSR. Ser. geol. no. 2:
3-7 '57. (MIRA 10:5)

(Balkhash region--Coal geology)

RUSAKOV, M. P.

18 15
 Deposits of corundum in the massive secondary quartz-
 ites of Sheshen-Kara in Northwestern Balkhash region
 M. P. Rusakov, Vestnik Akad. Nauk Kazakh S.S.R. 11
 No. 2, 82-87 (1957). A detailed geological description of the
 deposits of corundum in the Sheshen-Kara region is
 given. The corundum is found in the form of nodules
 15% which in the massive quartzite. The corundum
 rocks indicate the presence of the formation of the entire
 deposit as: andalusite, corundum, sericite, kaolinite, dia-
 spore, and alunite. *G. M. Kozlov*

PM 10/6

Acad Sci Kaz - SSR

RUSAKOV, M.P.; BORUKAYEV, R.A.; KUSHIV, G.U.

The oldest geological institution of our country. Vest.AN
Kazakh.SSR 13 no.5:113 Ky '57. (MLRA 10:9)
(Geology)

RUSAKOV, M.P.

RUSAKOV, M.P., akademik.

Some notes on the hypothesis of sedimentary formation of the ores
of nonferrous and rare metals. Vest. AN Kazakh. SSR 13 no.9:68-73
S '57. (MIRA 10:10)

1. AN KazSSR.
(Kazakhstan--Ores) (Nonferrous metals)

SATPAYEV, K.I., akademik, otv. red.; BOGATYREV, A.S., red.; BORUKAYEV, R.A., red.; BOK, I.I., red.; RUSAKOV, M.P., red.; MIROSHNICHENKO, L.A., spets.red.; LYAPICHEV, G.F., spets.red.; POGOZHEV, A.S., red.; RZHONDKOVSKAYA, L.S., red.; GASHINA, Ye.A., tekhn. red.

[Productive capacities of Central Kazakhstan] Proizvoditel'-nye sily TSentral'nogo Kazakhstan; trudy. Alma-Ata, Izd-vo AN Kaz. SSR. Vol.2. [Minerals and regional geology] Poleznye iskopaemye i regional'naya geologiya, 1959. 350 p.

(MIRA 16:7)

1. Ob'yedinennaya nauchnaya sessiya po problemam razvitiya proizvoditel'nykh sil TSentral'nogo Kazakhstan, Karaganda, 1958.
2. Prezident AN Kaz.SSR (for Satpayev). 3. Ministerstvo geologii i okhrany nedr Kaz.SSR (for Bogatyrev). 4. Institut geologicheskikh nauk AN Kaz.SSR (for Rusakov).

(Kazakhstan--Mines and mineral resources)

(Kazakhstan--Geology)

RUSAKOV, M.P.; SRAYYLOV, T.

Apoeffusive secondary ~~quartzites~~ and micropegmatites of the
Aytpay-Shoky massif. Trudy Lab. paleovulk. Kazakh. gos. un.
no.56:207-217 '63. (MIRA 16:6)

1. Institut geologicheskikh nauk AN Kazhskoy SSR.
(Bayan-Aul region—~~Quartzite~~)

RUSAKOV, M.P.; FREMD, G.M.

Genesis, composition, localization, and mineralization of secondary
quartzites. Uch.zap.Kazakh.un. 37 no.4:61-81 '58. (MIRA 15:4)
(Kazakhstan--Quartzite)

RUSAKOV, M.P.; SRAYYLOV, T.

Copper-porphyritic ores of the Kushoky secondary quartzite massif.
Izv. AN Kazakh. SSR. Ser. geol. no. 4:3-20 '62. (min 15:7)
(Karaganda region--Copper ores) (Karaganda region Quartzite)

RUSAKOV, M.P.; GRISHIN, V.M.

Auriferous secondary quartzites in certain districts of northern
Kazakhstan. Vest.AN Kazakh.SSR 16 no.11:39-42 N '60. (MIRA 13:12)
(Kazakhstan--Quartzite)

RUSAKOV, M.P.; FREMD, G.M.

Group of Permian volcanic structures in the Katu Mountains
(Dzungarian Ala-Tau). Izv. AN SSSR. Ser. geol. 25 no. 3:41-
56 Mr '60. (MIRA 13:12)

1. Institut geologii AN KazSSR, Alma-Ata.
(Katu Mountains--Volcanoes)

RUSAKOV, M.P.; SRAYYLOV, T.

Alkamergen' gold-bearing massif of secondary quartzites in
northeastern Kazakhstan. Vest.AN Kazakh.SSR 16 no.2:
35-39 F '60. (MIRA 13:6)
(Kazakhstan-Gold)

RUSAKOV, M.P.; SRAYYLOV, T.

"Kvartsevyy Aktas," a vermicular feldspar deposit in the north-western Balkhash region. Izv. AN Kazakh. SSR. Ser. geol. no.2: 115-118 '58. (MIRA 12:5)

(Balkhash region--Feldspar)

RUSAKOV, M.P.; CHOLPANKULOV, T.Ch.

Conference on secondary quartzites in Kazakhstan. Vest. AN Kazakh.
SSR. 15 no.3:82-83 Mr '59. (MIRA 12:6)
(Kazakhstan--Quartzite--Congress)

RUSAKOV, M.P.; FREMD, G.M.

New Permian volcano (neck) in the Katu-Tau of the Dzungarian
Ala-Tau. Izv.AN Kazakh.SSR.Ser.geol. no.3:113-115 '60.
(MIRA 13:11)

(Dzungarian Ala-Tau--Volcanoes)

Rusakov, M. Ya.

PA 22T57

USSR/Medicine - Sanatoriums
Medicine - Public Health

Aug/Sep 1947

"Restoration and Development of the All-Union
Sanatorium Pioneer Camp ARTEK imeni V. M. Molotov,"
M. Ya. Rusakov, Central Institute of Health Resorts,
7 pp

"Soyetskoye Zdravookhraneniye" No 6

This camp played a very important part in main-
taining the health of Soviet students. The author
attempts to give some idea of the work of recon-
struction and future development which is planned for
this great institution, located in the Ayu-Daga
region. Director of the Central Institute of Health
Resorts: O. I. Sokol'nikov; Deputy Director: N. E.
Khrisanfov. 22T57

ALEKSANDROV, Vladimir Mikhaylovich. Prinimali uchastiye: KHYLOV, N.A.,
kand. tekhn. nauk; CHERKASOV, V.N., inzh.; RUSAKOV, M.Ye., arkhitekt.;
YAKKER, N.I., arkhitekt.; SATIN, M.S., kand. tekhn. nauk, nauchnyy red.;
MAKSIMOV, K.G., red. izd-va; PUL'KINA, Ye.A., tekhn. red.

[Large silicate blocks made of quicklime] Krupnye silikatnye bloki
na negashennoi izvesti; opyt Leningrada. Leningrad, Gos.izd-vo lit-
ry po stroit., arkhitekt., i stroit.materialam, 1961. 103 p.
(MIRA 14:11)

(Building blocks) (Sand-lime products)

... (Ukr.) ...

... displacement in stops. (Ukr.) ...

(RUB 17:4)

RUSAKOV, N.G.

RYBAKOV, V.M., kandidat tekhnicheskikh nauk; RUSAKOV, N.G.

Spinning long staple rayon fiber on cotton machines. Tekst.prom.
14 no.10:22-23 0 '54. (MLBA 7:10)
(Rayon)

RUSAKOV, N.G., kandidat tekhnicheskikh nauk

Unutilized raw materials. Tekst.prom.15 no.8:25 Ag.'55. (MLRA 8:11)
(Silk industry--By-products)

RUSAKOV, Nikolay Gennadiyevich

AVRUNINA, Anna Isaakovna; ARSEN'YEV, Nikolay Nikolsyevich; ~~RUSAKOV~~,
Nikolay Gennadiyevich; TUMAYAN, Stepan Akopovich; KUKIN, G.N.
retsensent; ~~MATANSON~~, I.A., retsensent; KOPLEVICH, Ye.I., redaktor;
MEDVEDEV, I.Ya., tekhnicheskij redaktor

[General silk technology] Obshchaia tekhnologiya shelka. Moskva,
Gos. nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956.
241 p. (MLRA 10:5)

(Silk manufacture)

RUSAKOV, N.

RYBAKOV, V.M., kandidat tekhnicheskikh nauk; RUSAKOV, N.G.

Yarn from mixtures with capron staple fibers. Tekst.prom.16
no.10:29-30 0 '56. (MIRA 10:1)

(Yarn) (Nylon)

RUSAKOV, N.G.; ONISHCHENKO, Yu.A.

Results of testing the strength properties of Donets Basin rock using
models of irregular shape. Ugol' 40 no.2:12-15 F '65. (MIRA 18:4)

1. Institut gornogo dela AN UkrSSR.

OGLOBLIN, D.N., prof., doktor tekhn.nauk; NAYDYSH, A.M., doktor tekhn.nauk;
RUSAKOV, N.G., kand.tekhn.nauk

Readers' response to the article by S.T.Kuznetsov, I.L.Davydovich,
M.V.Korotkov, and S.P.Kolbenkov; "Ugol'", 1961, No. 11 "Review of
the book by V.P.Prokof'ev and K.P.Zaika "Efficient methods of
development mining and systems of working contiguous seams."
Ugol' 38 no.3:61-62 Mr '63. (MIRA 18:3)

1. Donetskij politekhnicheskij institut (for Ogloblin, Naydysh).
2. Institut gornogo dela AN UkrSSR (for Rusakov).

RUSAKOV, N.G., kand.tekhn.nauk

Readers' response to the article by V.IA.Kovtun: Choice of a
pace for primary caving of a hard roof."; "Ugol'", 1963, No.10.
(MIRA 18:2)
'Ugol' 39 no.11:65-66 N '64.

RUSAKOV, N.G., inzhener.

Accuracy in calculating deformation of the ground surface. Ugol' vol.28
no.11:34-36 N '53. (MLRA 6:11)
(Mining engineering)

RUSAKOV, N.G.

SHUSHKOV, A.M., inzhener; LEONT'YEV, N.K.; ~~RUSAKOV, N.G.~~

Sum of the angles of closed polygons plotted through several intersecting lines. [Trudy] VNIMI no.28:83-88 '54. (MLRA 8:2)
(Mine surveying)

RUSAKOV, N.G. , inzhener-marksheyder.

Discussion of problems concerning the displacement of rock strata. Part 12. Sources of error in calculating deformations of the earth's surface. Ugol' 29 no.7:14-20 J1 '54. (MIRA 7:7)

1. Donetskii filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.

(Earth--Surface) (Earth movements)

RUSAKOV, N.G., inzhener.

Location of the "neutral strata" in surface displacement. Trudy
VNIMI no.29:86-92 '54. (MIRA 8:3)
(Mine surveying)

RUSAKOV, N.G.

RUSAKOV, N. G.: "On the relation between deformation of the earth's surface and civilian building when coal veins are removed from the Donbass". Stalino, 1955. Min Higher Education USSR, Moscow Mining Inst imeni I. V. Stalin. (Dissertation for the Degree of Candidate of Science of Technical Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55

RUSAKOV, M.G.

A "pressure wave" and its role in the process of sudden ejections
of coal and gas. Vop.gor.davl. no.22:57-65 '64.

(MIRA 13:6)

1. Institut gornogo dela imeni Fedorova AN UkrSSR, Donetsk.

RUSAKOV, N. G., kand. tekhn. nauk

Principles of "checking" deformations of a coal seam before
an outburst or blow. Ugol' 38 no.4:52-54 Ap '63.
(MIRA 16:4)

1. Institut gornogo dela AN UkrSSR.

(Rock pressure) (Mine gases)

RUSAKOV, N.G., kand.tekhn.nauk; NARYSHKIN, G.A., inzh.

Determining the parameters of chamber mining without supports
for the flat coal seams of Donets Basin. Ugol' Ukr. 6 no.6:19-20
Je '62. (MIRA 15:7)

1. Institut gornogo dela AN USSR.
(Donets Basin—Coal mines and mining)

RUSAKOV, N.G.

Measuring wall rock displacements in stopes for studying rock
pressure. Sbor.trud.Inst.gor.dela AN URSR no.8:58-65 '61.
(MIRA 15:2)

(Rock pressure)(Stoping(Mining))

RUSAKOV, N.G., kand.tekhn.nauk

Role of rock pressure in the distribution of sudden outburst
areas in longwall mining of steeply pitching Donets Basin seams.
Ugol' Ukr. 4 no. 11:4-6 N '60. (MIRA 13:12)

1. Institut gornogo dela AN USSR.
(Donets Basin--Subsidence (Earth movements))
(Rock pressure)

RUSAKOV, H.G., kand.tekhn.nauk; OL'KHOVICHENKO, A.Ye., inzh.

Relation between the index of variations in coal seam thickness
and the degree of sudden outburst hazards in mine sections of
the Donets Basin. Ugol' Ukr. 3 no.6:21-23 Ja '59.

(MIRA 12:11)

(Donets Basin--Subsidence (Earth movements))

15-57-3-3915

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 201 (USSR)

AUTHOR: Rusakov, N. G.

TITLE: The Problem of the Relationship Between Deformation of
Soil and of Buildings Caused by Mining Operations (K
voprosu o sootnoshenii mezhdu deformatsiyami grunta i
zdaniy pod vliyaniyem gornyykh razrabotok)

PERIODICAL: Sb. nauch. tr. Kafedry marksheydersk. dela i geod.
Donetsk. industr. in-t, 1956, Nr 4, pp 184-198

ABSTRACT: The author notes that, up to now, methods have been
developed for predicting deformation of the ground
surface due to subsurface operations (Avershin, S. G.,
1947; Kazakovskiy, D. A., 1953), but the relationship
of the deformation of the surface to that of buildings
has been almost unstudied. It is important to define
the critical and the permissible deformation of the
surface for various buildings and structures. Four two-
story buildings at mine No. 8 of the Bokovoantratsit

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15-57-3-3915

The Problem of the Relationship Between (Cont.)

Trust were studied. Datum points were arranged at two meter intervals along the front of each building and on the ground surface around the buildings. Disparity between deformation of the buildings and of the ground surface may possibly be due to errors in observation. The following conclusions are made: the profile of the settling curve for the ground along the building makes an undulating deflection; the curve is concave toward the operating drift or stope end but is convex in the opposite direction; and, as a result of this differential warping, parts of the buildings overhang. The undulating deflection is the result of the redistribution of pressure from the weight of the building on the base of the foundation. It is shown that horizontal deformation affects vertical deformation; compression and tension affect the curvature of the foundation differently. The ratio of horizontal deformation depends on the preceding deformation and on the damage to the buildings.

Ye. P. Ye.

Card 2/2

RUSAKOVA, Ye.V.; RUSAKOV, N V.

Dynamics of changes in total commensal microflora and bactericidal properties of the skin under the effect of local X-irradiation. Zhur. mikrobiol.; epid. i immun. 41 no.6:115-120 Je '64. (MIRA 18:1)

1. I Moskovskiy ordena Lenina meditsinskiy institut.

BABICH, V.M. (Leningrad); RUSAKOVA, N.Ya. (Leningrad)

Propagation of Rayleigh waves along the surface of an inhomogeneous elastic body of arbitrary shape. Zhur.vych.mat.i mat. fiz. 2 no.4:652-665 J1-Ag '62. (MIRA 15:8)
(Elasticity) (Waves)

RUSAKOV, O., mladshiy nauchnyy sotrudnik

Useful birds and animals. Zashch. rast. ot vred. i bol. 10 no.2:
36-37 '65. (MIRA 18:4)

1. Zapadnoye otdeleniye Vsesoyuznogo instituta zhivotnogo syr'ya i
pushniny, Leningrad.

L 32933-66 EWT(1) IJP(c)

SOURCE CODE: UR/0387/66/000/006/0098/0103

ACC NR: AP6021408

AUTHOR: Rusakov, O. M.

ORG: Academy of Sciences UkrSSR. Institute of Geophysics (Akademiya nauk UkrSSR, Institut geofiziki)

TITLE: The stability of oriented remanent magnetization

SOURCE: AN SSSR. Izvestiya. Fizika zemli, no. 6, 1966, 98-103

TOPIC TAGS: ~~remanent~~ ^{magnetic} magnetization, alternating field, ~~chemical magnetization,~~
~~thermomagnetization, ideal magnetization~~

ABSTRACT: The most common method of determining the kind of remanent magnetization of rocks is to compare stability. This method is based on the change of magnetization of various origins in various ways under the action of an alternating field and changing temperature. In order to find out the kind of natural remanent magnetization and its stability, patterns of magnetization obtained in laboratories are compared with patterns in natural rocks. Many sedimentary rocks have oriented remanent magnetization. This kind of magnetization was created by sediments of ferromagnetic particles smaller than 70 μ mixed with nonmagnetic kaolin. Laboratory samples were demagnetized in an alternating field by rotation around two perpendicular axes. The rate of magnetization shows that chemical magnetization is more intensive than thermomagnetization. Magnetization caused by coercive particles creates oriented magnetization.

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UDC: 550.382.3

L 32933-66

ACC NR: AP6021408

tion. Thermoremanent magnetization is greater in the terrestrial field than oriented magnetization. Pure hematite was magnetized and demagnetized. The curves of demagnetization are similar indicating that no changes in magnetic properties took place. The same sample was demagnetized by heating above the Curie point and cooling in the terrestrial magnetic field. The thermomagnetization after cooling was a little weaker than in the beginning. Ideal magnetization can be achieved by simultaneous magnetization in a constant field and an alternating field when the amplitude of the latter changes from a saturated state to zero. The oriented magnetization decreases more rapidly than the thermoremanent magnetization when the sample is heated to 300C. The relative stability of ideal magnetization depends upon the intensity of the alternating field. Orig. art. has: 7 figures. [EG]

SUB CODE: 20/ 08/ SUBM DATE: 01Oct65/ ORIG REF: 005/ OTH REF: 002/ ATD PRESS: 5029

Card

2/2

TRETYAK, A.N.; RUSAKOV, O.M.

Thermal demagnetization of sedimentary rocks. Geofiz.sbor.
no.1:119-123 '65. (MIFA 18:12)

1. Institut geofiziki AN UkrSSR. Submitted July 15, 1964.

RUSAKOV, O.S.

Injurious insects in the ration of a mole. Zashch. rast. ot
vred. i bol. 9 no.2:47 '64. (MIRA 17:6)

1. Zapadnoye otdeleniye Vsesoyuznogo nauchno-issledovatel'-
skogo instituta zhivotnogo syr'ya i pushniny.

BUSAKOV, P.

Train co-pilots at their usual working position. Grazhd.av.13
no.11:27 N '56. (MIRA 10:2)
(Flight training)

RUSAKOV, P.

A link trainer is not a museum exhibit. Grazhd. av. 20
no.9:26 5 '63. (MIRA 16:8)

1. Neshtatnyy korrespondent zhurnala "Grazhdanskaya aviatsiya."
(Link trainers)

RUSAKOV, P. _____

How long does a link trainer work; missed opportunities;
organization problems should be solved urgently. Grazhd.av.
19 no.12:20 D '62. (MIRA 16:2)

1. Inspektor upravleniya letnoy sluzhby i dvizheniya glavnogo
upravleniya Grazhdanskogo vozdushnogo flota.
(Link trainers)

FILANOVSKIJ, G.; LEGOTIN, J.; RUSAKOV, P.

On instruction installations. Letecký obzor 7 no.3:74-75 Mr '63.

1. Instruktor cvicneho zarizeni Vychodosibirske spravy (for Filanovskij).
2. Instruktor cvicneho zarizeni Svk (for Legotin).
3. Inspektor sluzby zarizeni leteckeho provozu, Glavnoye upravleniye Grazhdanskogo vozdušnogo flota (for Rusakov).

BYALYY, L.A.; SHUR, A.B.; Prinimali ^huchastiye: KOTOV, A.P.;
RUSAKOV, P.G.; YEGOROV, N.D.; KOSTROV, V.A.; RYNNOV, N.F.

Investigating the time length for the flow of gases through
powerful blast furnaces. Stal' 24 no.1:14-17 Ja '64.

(MIRA 17:2)

1. Leningradskiy politekhnicheskoy institut i Cherepovetskiy
metallurgicheskoy zavod.

LEVIN, I.Ya.; VARCHIKOV, V.A.; KAYLOV, V.D.; SHUR, A.B.; BYALYY, L.A.;
RUSAKOV, P.G.

Experimental blast furnace smelting with an oxygen-enriched
blast. Stal' 25 no.8:676-678 Ag '65. (MIRA 18:8)

1. Onerepovetskiy metallurgicheskiy zavod i Leningradskiy
politekhniicheskiy institut.

RUSAKOV, P.G.; SHUR, A.B.; BYALYY, L.A.

Reduction and heat exchange of gases during the blowing of
natural gas into a blast furnace. Stal' 25 no.8:678-682
Ag '65. (MIRA 18:8)

1. Cherepovetskiy metallurgicheskiy zavod i Leningradskiy
politekhniicheskiy institut.

SHUR, A.B.; BYALYY, I.A.; ROSAKOV, P.G.

Blast furnace material and heat balances at the Cherepovets
metallurgical plant. Stal' 25 no.4:301-306 Ap '65.
(MIRA 18:11)

1. Cherepovetskiy metallurgicheskiy zavod i Leningradskiy
politekhnikheskiy institut.

LEVIN, L.Ya.; VANCHIKOV, V.A.; SHUR, A.B.; KAYLOV, V.D.; BYALYY, L.A.;
Prinimali uchastiye: RUSAKOV, P.G.; ANTONOV, V.M.; KOSTROV, V.A.;
KOTOV, A.P.; YEGOROV, N.D.; BUGAYEV, K.M.; SOLODKOV, V.I.;
YASHCHENKO, B.F. KOREGIN, A.V.; SAPOZHNIKOV, N.P.; TSUKANOV, V.N.;
VITOVSKIY, V.M.

Mastering the operation of high-capacity blast furnaces. Stal'
23 no.9:773-778 S '63. (MIRA 16:30)

1
LEVIN, L.Ya.; VANCHIKOV, V.A.; SHUR, A.B.; BYALYY, A.A.; RUSAKOV, P.G.

Blowing-in the new blast furnace. Trudy LPI no.225:221-232 '64.
(MIRA 17:9)

BOBYLEV, Oleg Vasil'yevich; BROVDOV, Nikolay Gavrilovich;
NIKULIN, Nikolay Vasil'yevich; RUSAKOV, Pavel Vasil'yevich;
TSYGANOV, Vladimir Ionifovich; MARSHENKO, N.L., red.

[Technology of the manufacture of electrical insulating
materials and constructions] Tekhnologiya proizvodstva
elektroizoliatsionnykh materialov i konstruktsii. [By] O.V.
Bobylev i dr. Moskva, Energiia, 1964. 454 p.

(MIRA 18:1)

RUSAKOV, S.

(Faint, illegible text)

Mechanized finishing of clothing. Leg.prom. 14 no.8:56 Ag '54.
(Clothing industry) (MLRA 7:8)

RUSAKOV, S., kandidat tekhnicheskikh nauk.

Specialization and cooperation of clothing enterprises. Leg.prom.
14 no.7:54 J1 '54. (MIRA 7:7)
(Clothing industry)

RUBAKOV, S.A.

Non simplicity of certain classes of finite groups. Dokl. AN BSSR
s no. 7:429-431 '64. (MIRA 17:10)

1. Gomel'skoye otdeleniye Instituta matematiki i vychislitel'noy
tekhniki AN BSSR. Predstavleno akademikom AN BSSR M.P. Yeruginym.

RUSAKOV, S.A.

Analogue of Sylow's theorem on the existence and imbedding of semi-groups. Sib. mat. zhur. 4 no.2:325-342 Mar-Apr '63. (MIRA 16:3)
(Groups, Theory of)

RUSAKOV, S.A.

Analogs of Silov's theorem on the inclusion of subgroups. Dokl. AN
BSSR 5 no.4:139-141 Ap '61. (MIRA 14:5)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR. Pred-
stavleno akadem. AN BSSR N.P.Yeruginym.
(Groups, Theory of)

RUSAKOV, S.A.

Silov type theorems. Dokl. AN SSSR 141 no.2:320-321 N '61.
(MIRA 14:11)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR. Pred-
stavleno akademikom A.I.Mal'tsevim.
(Groups, Theory of)

RUSAKOV, S. A.

Dissertation defended for the degree of Candidate of Physicomathematical Sciences at the Mathematical Institute imeni V. A. Steklova 1962:

"Analog of the Silov Theorem on Existence and Enclosure of Subgroups."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

RUSAKOV, S.A.

Imbedding of subgroups. Dokl. AN SSSR 147 no.2:301-302
N '62. (MIRA 15:11)

1. Gomel'skoye otdeleniye Instituta matematiki i
vychislitel'noy tekhniki AN Belorusskoy SSR. Predstavleno
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(Groups, Theory of)

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 $\mathcal{G}$, Z -commutant. Vestsi AN BSSR. Ser. fiz.-tekhn. nav. no.3;
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ODINTSOVA, Yu.F.; RUSAKOV, S.I. (Moskva)

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GABOVA, D.M., red.; KNAKNIN, M.T., tekhn.red.

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(Textile fibers)

(Clothing industry)

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Method of molding curves on fabrics. Leg.prom.15 no.1:52 Ja '55.
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RUSAKAV, Sergey Ivanovich; TRUKHAN, Gennadiy Lukich; EPPEL', Sergey
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retsenzent; KARASEV, V.K., dots., retsenzent; ANTIPOVA, A.I.,
prepod., retsenzent; SHANG'GINA, V.F., kand. tekhn. nauk,
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Moscow, No 10, 1961, pp 6-8)

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POPKOV, V.I., otv. red.; RUSAKOV, S.I., retsenzent;
PLEMYANNIKOV, M.H., red.; VINOGRADOVA, G.A., tekhn. red.

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(Clothing industry)
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Present state and trends in the development of the clothing
industry. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.3:86-92
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(Clothing industry)

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Modernization of sewing machines. Shvein. prom. no.1:19-23 Ja '59.
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RUSAKOV, Sergey Ivanovich, kandidat tekhnicheskikh nauk; FUDNIK, F.P.; SAVOSTITSKIY,
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RUSAKOV, S. I.

Welding

Development of welding at the Gor'kiy automobile plant. Avt. trakt. prom, no. 5, 1952

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Peculiarities of the work of a shuttle in zigzag stitching. Leg. prom., No. 3, 1952.

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14 no.6:37-41 Je '54. (MLRA 7:8)

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New curricula for the course "Technology of the clothing industry."
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(Sewing schools)

DALIDOVICH, A.S., professor.

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skii, A.V.) (Trukhan, G.J.) (Eppel', S.S.)

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4. Sewing Machines
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12, No. 11, 1952.
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State of the sewing thread during the formation of the stitch with the machine shuttle. Izv.vys.ucheb.zav.; tekhn.leg.prom. no.1:151-157 '63.
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Rekomendovana kafedroy tekhnologii shvey'nogo proizvodstva.
(Thread--Testing) (Sewing machines)

FEDOROV, V.I.; MINYAYLENKO, N.A.; RUSAKOV, S.S.

Temperature field and gradient in the parts of a turbine rotor,
made of welded discs, under starting conditions. Dop. AN URSSR
no.10:1317-1322 '61. (MIRA 14:11)

1. Institut teploenergetiki AN USSR. Predstavleno akademikom
AN USSR I.T.Shvetsom [Shvets', I.T.].
(Turbines)
(Thermodynamics)

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26.7/22

AUTHORS: Fedorov, V.I., Minyalenko, M.O., and Rusakov, S.S.

TITLE: The temperature field and gradients in elements of a welded turbine rotor under starting conditions

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 10, 1961, 1317 - 1322

TEXT: The authors investigated the temperature field and temperature gradient at the joining points of the discs in a welded rotor under boundary conditions very similar to those which arise in practice. Three elements of different geometrical profile and with coefficients of thermal distribution on the outer surface equal to 500, 1500 and 2500 kcal/m² hour °C, respectively. The effect on the temperature field of a) Velocity of increase of the temperature of the working body, b) Variation in the coefficient of thermal distribution, c) Variation in the geometrical dimensions of the element, were investigated and the results given in tabulated form. It is

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shown that very high radial and axial temperature gradients occur in the region of the joining of the discs. The authors suggest that these may be lowered by filling the space between the welded joints with a liquid of high thermal capacity and conductivity. There are 3 figures, 8 tables and 1 Soviet-bloc reference.

ASSOCIATION: Instytut teploenerhetyky AN URSR (Institute of Thermal Energy AS UkrSSR)

SUBMITTED: April 14, 1961

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